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REMARKS

The pending claims are Claims 33 and 34. All of the other claims have been canceled.

Claim 33, which is newly presented and a product-by-process device claim, is directed to a device having a high resistance buffer layer made from a composition prepared by the process of the subject matter of previously presented Claim 29. The subject matter of new Claim 33 is supported by, for example, the Figure 4, examples 8 and 9. No new matter is introduced.

New Claim 34 depends on new Claim 33 and includes subject matter from previously presented, now canceled, Claim 31, and is directed to the time for performing the sonication treatment.

The rejections entered in the Office Action, dated July 6, 2005, are addressed separately below.

Rejections under 35 U.S.C. § 102

WO 01/41230 and Cao et al.

Then pending Claims 1, 5, 22, 13-15, 20, 22-24 and 28-32 were rejected under 35 U.S.C. § 102(b) or (a) as having been anticipated by WO 01/41230 or by Cao et al., US 2002/0098377. These two references are based on the same priority document (U.S. Provisional application No. 60/168,856) and will be addressed together, and referred to collectively as "*Cao et al.*".

In view of the fact that the subject matter of now canceled Claim 29 is incorporated into the only independent claim, new Claim 33, a device claim, the rejection is discussed in view of the subject matter of previously pending Claim 29.

The Claim 33, a product-by-process claim, includes a high resistance buffer layer made from a composition comprising an aqueous solution of polyaniline with poly(2-acrylamido-2-methyl-1-propanesulfonic acid) as the counterion (PANI/PAAMPSA), poly(styrenesulfonic acid) (PSS), and polyacrylamide (PAM), in stated weight ratios, wherein the solution is subjected to a sonication treatment. As shown in Figure 4 of the present application, the sonication treatment results in lower stress-induced degradation of devices made with the composition.

The Examiner has stated that the polyaniline composition of *Cao et al.* is "suitable for sonication treatment". Applicant can find no teaching or suggestion within the four

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corners of the *Cao et al.* reference as to even the possibility of sonication treatment for such a composition, create a device using such a composition, let alone its advantageous use. Whether or not the composition of *Cao et al.* is "suitable" for sonication, there is no teaching or suggestion that such a treatment could or should be carried out for a composition used as a high resistance buffer layer in a device.

Applicant respectfully submits that there is no teaching or suggestion in *Cao et al.* of the device having the buffer layer made from the composition as presented in pending Claim 33, and the previously entered rejection has been overcome. Claims 33 and 34 should be considered and found allowable.

CONCLUSION

In view of the foregoing amendments and remarks, Applicant submits that the above referenced pending application is in condition for allowance. A Notice of Allowance for pending Claims 33 and 34 is earnestly solicited.

Respectfully submitted,


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